



Colorado Air National Guard
Traditional
Position Announcement #
COANG 15-024



<http://co.ng.mil/jobs/default.aspx>

POSITION TITLE: Bioenvironmental Engineer	AFSC: 43E3A	OPEN DATE: 19 Feb 15	CLOSE DATE: Until Filled
UNIT OF ACTIVITY/DUTY LOCATION: 140 th Medical Group Buckley Air Force Base, Aurora, CO 80011		GRADE REQUIREMENT: Minimum: O-1 Maximum: O-4	
SELECTING SUPERVISOR: Lt Col James Chappell	VACANCY 09926121C	EVALUATION FACTORS USED: Review of individual applications and personal interviews	

AREAS OF CONSIDERATION

- Nationwide (All military members eligible for membership in the COANG)
- Open to enlisted as a commissioning opportunity (Must have completed education requirements prior to submitting package)

All applicants MUST meet the grade requirement and physical/medical requirements outlined

DUTIES AND RESPONSIBILITIES

DUTIES and RESPONSIBILITIES:

1. Executes and supervises bioenvironmental engineering programs. Applies knowledge of engineering and the sciences to assist commanders in meeting mission objectives at home station and deployed settings. Performs health risk assessments for chemical, biological, radiological, nuclear, and physical hazards, which may compromise Force Health Protection. Advises commanders on impact of unacceptable risk to mission and provides viable courses of action to reduce and eliminate risk. Identifies and assesses effectiveness of occupational and environmental health controls. Participates in installation contingency response activities, including exercises. Determines the appropriateness of personnel protective equipment and individual protective equipment. May participate in development of policy. Directs and supervises technicians conducting base bioenvironmental engineering activities. Maintains liaison with local, state, and federal agencies on matters involving occupational and environmental health standards and;
2. Advises command and staff agencies on effective operational risk management (ORM) decisions and;
3. Develops measures to control radiological hazards; monitors staff and medical facilities, to include unrestricted areas to ensure permissible limits of health risk hazards are not exceeded. Coordinates medical physics activities. Serves as Radiation Safety Officer where required; and

SPECIALTY QUALIFICATIONS:

1. **Knowledge.** (43EXA/B/D/G/M): Knowledge of all bioenvironmental engineering principles for force health protection spanning all operational environments. (43EXC/E): Knowledge of medical construction or architecture principles for medical facility planning, design, and construction. (43EXM): Knowledge of medical physics programs for radiotherapy, nuclear medicine, and diagnostic imaging physics services.
2. **Education.** Possess a baccalaureate degree or higher in engineering from an institution with that curricular program area accredited at the engineering level by the Accreditation Board for Engineering and Technology (ABET) or Possess a baccalaureate in engineering, biology, chemistry, or physics from the United States Air Force Academy or, Possess a Bachelor of Science (BS) degree in biology, chemistry, physics, health physics, industrial hygiene, or other degree approved by the 43E associate chief granted from an ABET or non-ABET accredited program, and satisfy one of the following options prior to being accessed into the Biomedical Sciences Corps:
Prior qualification in and possession of AFSC 4B071 Bioenvironmental Engineering (BEE) Craftsman and have a minimum of 7 years active duty in the BEE career field or
Hold a certification from the American Board of Health Physics (ABHP) or the American Board of Industrial Hygiene (ABIH), or pass the Fundamentals of Engineering (FE) examination, or
Possess a Master of Science (MS) degree in medical physics granted from a program accredited by the Commission on Accreditation of Medical Physics Education Programs (CAMPEP), or
Possess MS degree in medical physics granted from a non-CAMPEP accredited institution, and hold a certification from the American Board of Radiology (ABR) in one of the following three specialties: diagnostic radiologic physics, therapeutic radiologic physics, or medical nuclear physics.

APPLICATION PROCEDURES

Interested applicants who meet the eligibility criteria listed in this announcement may apply by submitting the below listed documents to the location below. Complete applications must be received no later than 1600 or postmarked on or before the closing date. US government postage paid envelopes or government facsimile machines (FAX) may NOT be used in submitting applications. Applicants may include copies of training certificates or any documentation that may be applicable to the position they are applying for.

Incomplete packages will not be considered for the position vacancy

1. Cover Letter identifying the position you are applying for.
2. Civilian or Military Resume.
3. CURRENT Records Review RIP (available on vMPF via AF Portal).
4. CURRENT Points Credit Summary (available on vMPF via AF Portal).
5. CURRENT and PASSING Report of Individual Fitness (from Air Force Fitness Management Systems (AFFMS))
6. Enlisted members must submit AFOQT scores (Must meet minimum requirement scores, Verb 15 Quant 10)
7. Enlisted members must submit a copy of official college transcript

Add any other documentation you want provided.

****SUBMIT NO STAPLES/NO BINDINGS****

QUESTIONS?

If you have any questions on package submission you may contact 720-847-9424/DSN 847-9424 or email at sebastien.garcia@ang.af.mil
If you have any position related questions please contact the selecting supervisor at

MAIL APPLICATIONS TO:

140 FSS/FSMP, Attn: CMSgt Sebastien Garcia
18860 E. Breckenridge Ave., Stop 65
Buckley AFB, CO 80011

DROP APPLICATIONS OFF AT:

Building 801, Room N-224

E-MAIL APPLICATIONS TO:

sebastien.garcia@ang.af.mil

REMARKS

Federal law prohibits the use of government postage for submission of applications.

THE COLORADO NATIONAL GUARD IS AN EQUAL OPPORTUNITY EMPLOYER

All applicants will be protected under Title VI of the Civil Rights Act of 1964. Eligible applicants will be considered without regard to race, age, religion, marital status, national origin, political affiliation or any other non-merit factor. Due to restrictions in assignment to certain units and AFSC/MOS some positions may have gender restrictions.